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NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
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NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter (PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 09 JAPIO to be reloaded August 25, 2002
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 23 Aug 26 Sequence searching in REGISTRY enhanced

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

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09/ 868,884

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|----------------------|--|------------|---------|
| => file reg | | SINCE FILE | TOTAL |
| COST IN U.S. DOLLARS | | ENTRY | SESSION |
| FULL ESTIMATED COST | | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 13:31:17 ON 28 AUG 2002
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STRUCTURE FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6
DICTIONARY FILE UPDATES: 26 AUG 2002 HIGHEST RN 444986-65-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when
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Crossover limits have been increased. See HELP CROSSOVER for details.

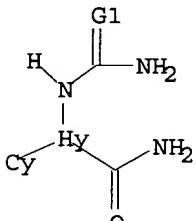
Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 09868884.str

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 13:31:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 9059 TO ITERATE

11.0% PROCESSED 1000 ITERATIONS 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 175482 TO 186878
PROJECTED ANSWERS: 1 TO 361

L2 1 SEA SSS SAM L1

09/ 868,884

=> s 11 ful
FULL SEARCH INITIATED 13:31:43 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 180896 TO ITERATE

100.0% PROCESSED 180896 ITERATIONS
SEARCH TIME: 00.00.10

93 ANSWERS

L3 93 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
140.66 140.87

FILE 'CAPLUS' ENTERED AT 13:32:38 ON 28 AUG 2002
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FILE COVERS 1907 - 28 Aug 2002 VOL 137 ISS 9
FILE LAST UPDATED: 26 Aug 2002 (20020826/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 13
L4 3 L3

=> d 14`1- ibib abs hitstr
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/ (N) :y

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:293385 CAPLUS
DOCUMENT NUMBER: 136:325411
TITLE: Preparation of 2-aminothiophene-3-carboxamides as NF-.kappa.B inhibitors
INVENTOR(S): Callahan, James F.; Roshak, Amy K.
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
SOURCE: PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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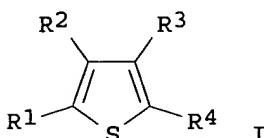
| | | | |
|---------------|-------------|-----------------|----------|
| WO 2002030353 | A2 20020418 | WO 2001-US31866 | 20011012 |
| WO 2002030353 | A3 20020627 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-239759P P 20001012

OTHER SOURCE(S): MARPAT 136:325411

GI



AB The title compds. [I; R¹ = NR⁵R⁶; R² = CONH₂, SO₂NH₂; R³ = H, halo; R⁴ = aryl, heteroaryl; R⁵ = H, alkyl; R⁶ = H, COalkyl, SO₂alkyl, etc.], useful as inhibitors of IKK-.beta. phosphorylation of I.kappa.B, were prepd. Thus, treating (4-fluorophenyl)ethanol with PCC in CH₂Cl₂ followed by reacting the resulting (4-fluorophenyl)acetaldehyde with sulfur and 2-cyanoacetamide in the presence of Et₃N in DMF afforded 2-amino-5-(4-fluorophenyl)thiophene-3-carboxamide.

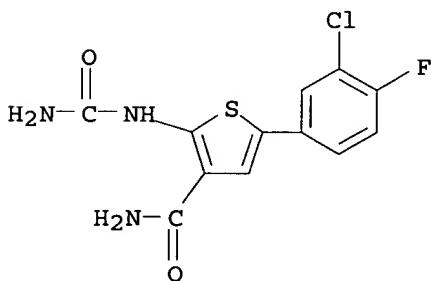
IT 412914-58-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 2-aminothiophene-3-carboxamides as NF-.kappa.B inhibitors)

RN 412914-58-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-chloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



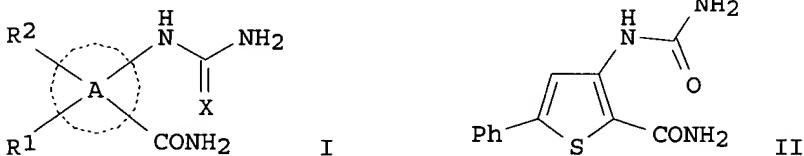
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2001:597977 CAPLUS
 DOCUMENT NUMBER: 135:180698
 TITLE: Preparation of thiophenecarboxamides as inhibitors of the enzyme IKK-2
 INVENTOR(S): Baxter, Andrew; Brough, Stephen; Faull, Alan; Johnstone, Craig; Mcinally, Thomas
 PATENT ASSIGNEE(S): Astrazeneca AB, Swed.

SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|---|----------|-----------------|------------|
| WO 2001058890 | A1 | 20010816 | WO 2001-SE248 | 20010207 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2002107252 | A1 | 20020808 | US 2002-868884 | 20020205 |
| PRIORITY APPLN. INFO.: | | | GB 2000-3154 | A 20000212 |
| | | | WO 2001-SE248 | W 20010207 |

OTHER SOURCE(S) : MARPAT 135:180698
GI



CH, CY,
TR, BF,
→ pregnant version
application's

AB The title compds. [I; A = 5-membered heteroarom. ring contg. 1-2 heteroatoms selected from O, N or S; R1 = (un)substituted Ph, 5-7 membered heteroarom. ring contg. 1-3 heteroatoms selected from O, N or S; R2 = H, halo, CN, etc.; X = O, S], useful in the treatment or prophylaxis of inflammatory disease, were prep'd. Thus, refluxing 3-amino-5-phenyl-2-thiophenecarboxamide with trimethylsilyl isocyanate in DMF/CH₂Cl₂ afforded II.

IT 354811-01-1P 354811-06-6P 354811-31-7P

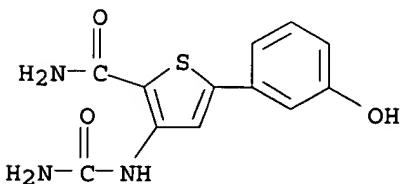
354811-69-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

RN 354811-01-1 CAPLUS

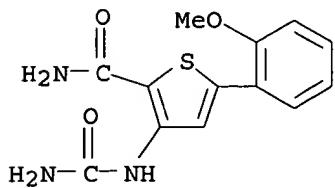
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(3-hydroxyphenyl)- (9CI) (CA INDEX NAME)



09/ 868,884

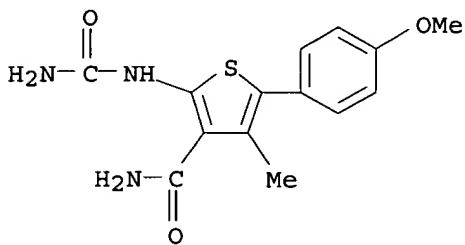
RN 354811-06-6 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



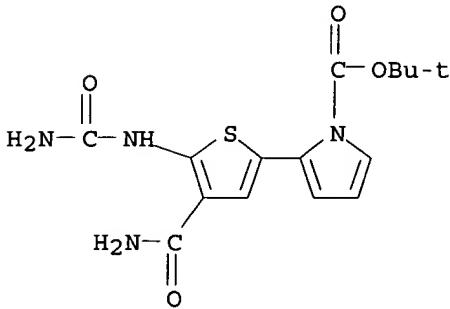
RN 354811-31-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-69-1 CAPLUS

CN 1H-Pyrrole-1-carboxylic acid, 2-[4-(aminocarbonyl)-5-[(aminocarbonyl)amino]-2-thienyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



IT 354810-80-3P 354810-83-6P 354810-86-9P

354810-88-1P 354810-90-5P 354810-92-7P

354810-95-0P 354810-98-3P 354811-04-4P

354811-07-7P 354811-08-8P 354811-09-9P

354811-10-2P 354811-11-3P 354811-12-4P

354811-13-5P 354811-14-6P 354811-15-7P

354811-16-8P 354811-17-9P 354811-18-0P

354811-19-1P 354811-20-4P 354811-23-7P

354811-26-0P 354811-27-1P 354811-28-2P

354811-29-3P 354811-30-6P 354811-32-8P

354811-33-9P 354811-34-0P 354811-35-1P

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354811-39-5P 354811-40-8P 354811-41-9P

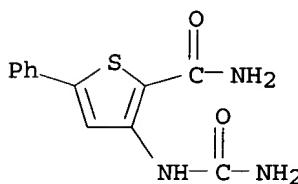
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 354811-82-8P 354811-83-9P 354811-84-0P
 354811-85-1P 354811-86-2P 354811-89-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)

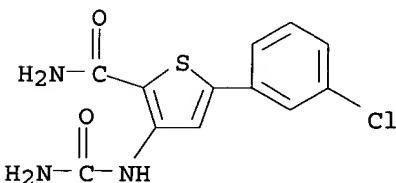
RN 354810-80-3 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



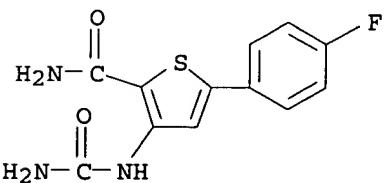
RN 354810-83-6 CAPLUS

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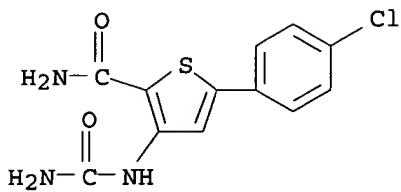
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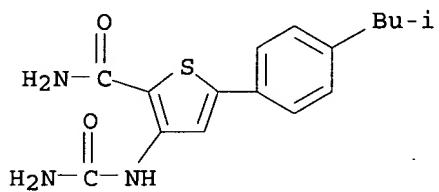
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CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



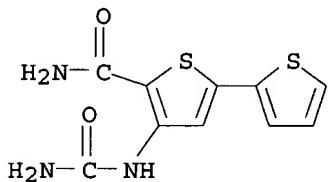
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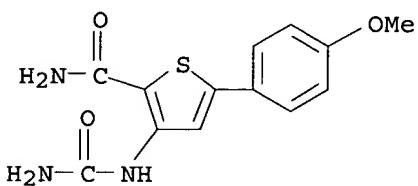
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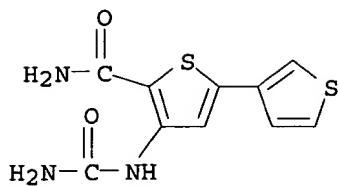
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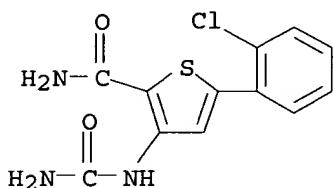
RN 354810-98-3 CAPLUS

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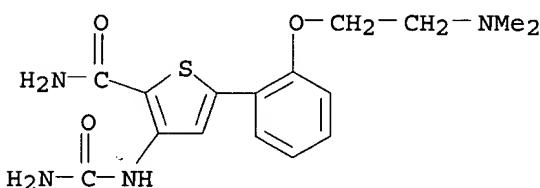
RN 354811-04-4 CAPLUS

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(CA INDEX NAME)



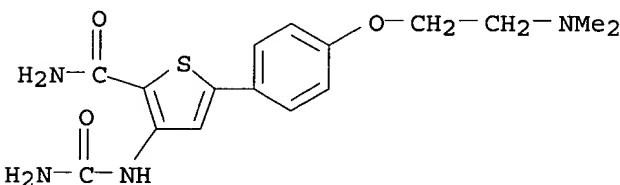
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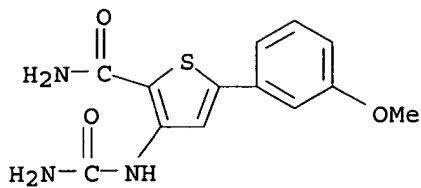
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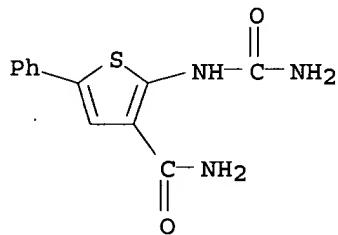


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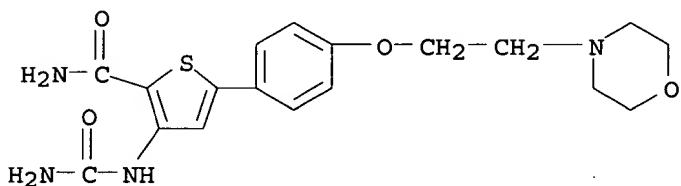
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



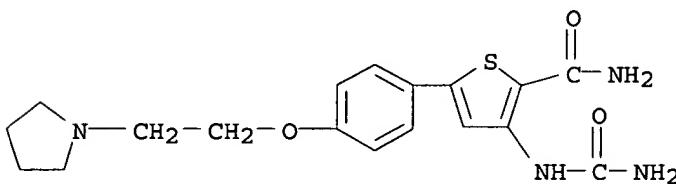
RN 354811-10-2 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



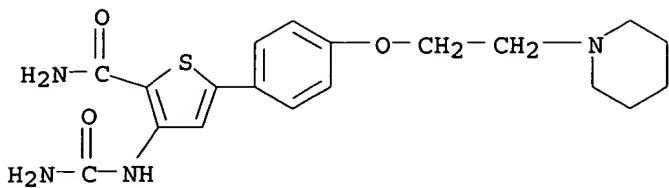
RN 354811-11-3 CAPLUS
CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[4-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-12-4 CAPLUS
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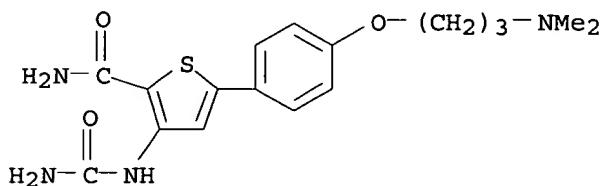


RN 354811-13-5 CAPLUS
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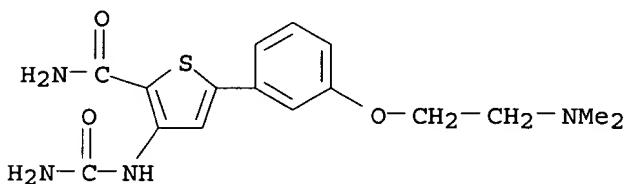
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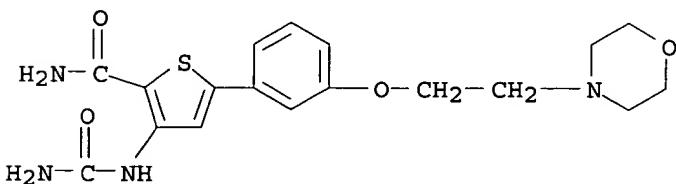
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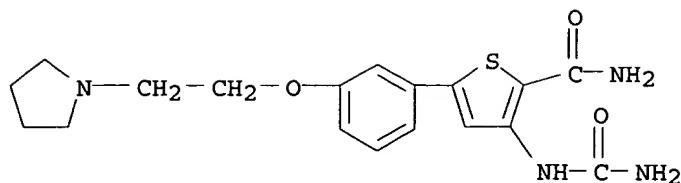
RN 354811-16-8 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



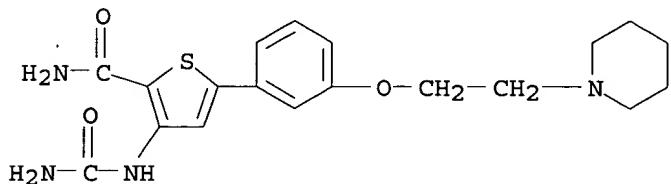
RN 354811-17-9 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



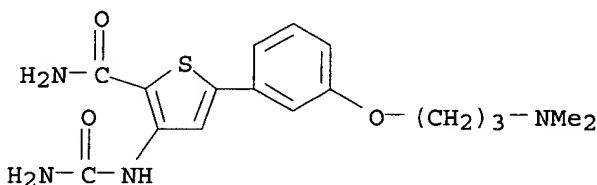
RN 354811-18-0 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



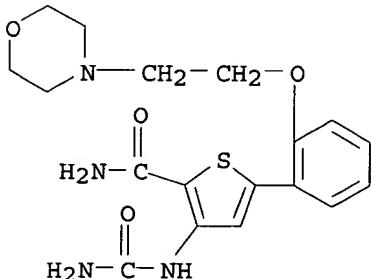
RN 354811-19-1 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[3-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



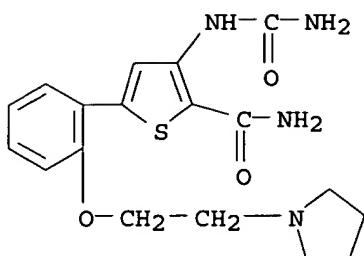
RN 354811-20-4 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(4-morpholinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



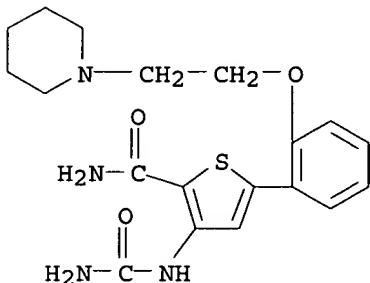
RN 354811-23-7 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(1-pyrrolidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



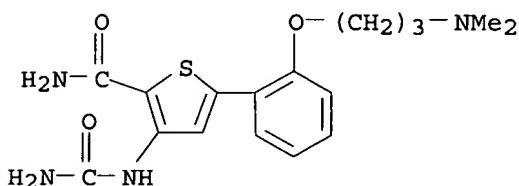
RN 354811-26-0 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



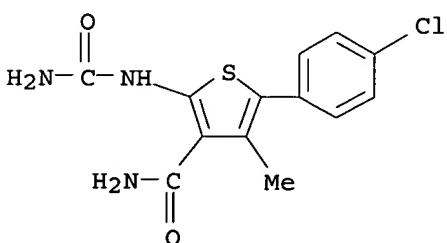
RN 354811-27-1 CAPLUS

CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-[2-[3-(dimethylamino)propoxy]phenyl]- (9CI) (CA INDEX NAME)



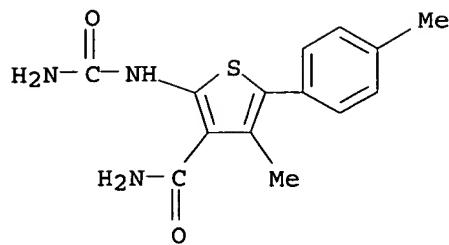
RN 354811-28-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-chlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)

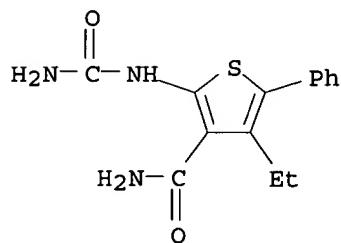


RN 354811-29-3 CAPLUS

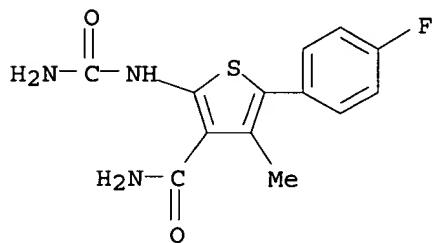
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-methylphenyl)- (9CI) (CA INDEX NAME)



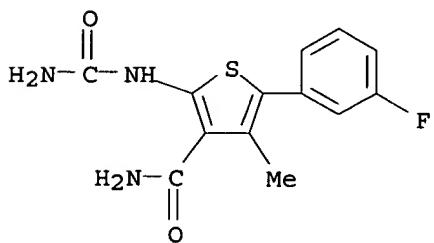
RN 354811-30-6 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-ethyl-5-phenyl- (9CI)
(CA INDEX NAME)



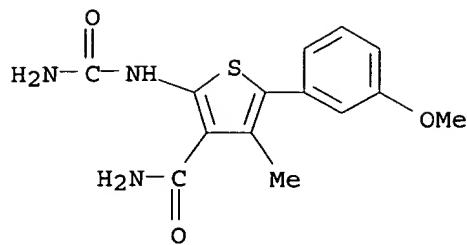
RN 354811-32-8 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-fluorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



RN 354811-33-9 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-fluorophenyl)-4-methyl- (9CI) (CA INDEX NAME)

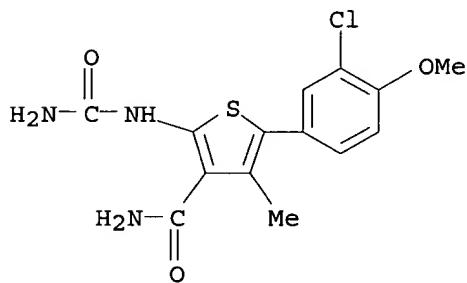


RN 354811-34-0 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



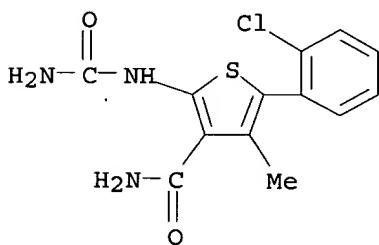
RN 354811-35-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-chloro-4-methoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



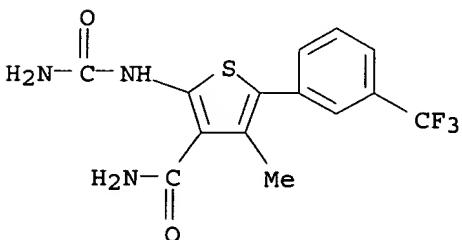
RN 354811-36-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-chlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



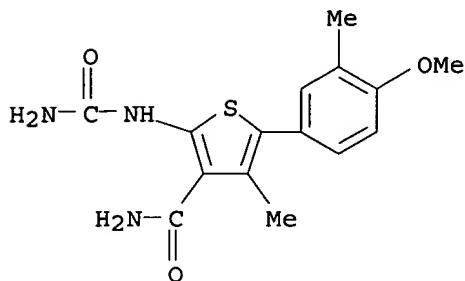
RN 354811-37-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



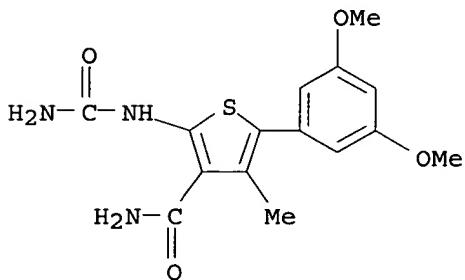
RN 354811-38-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxy-3-methylphenyl)-4-methyl- (9CI) (CA INDEX NAME)



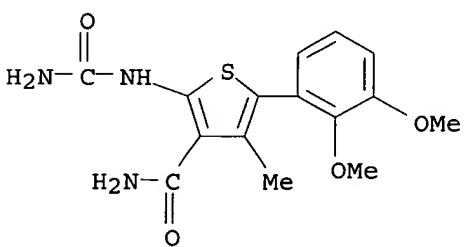
RN 354811-39-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,5-dimethoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



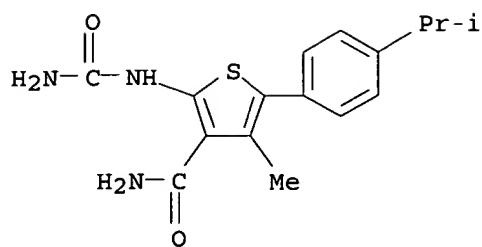
RN 354811-40-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,3-dimethoxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



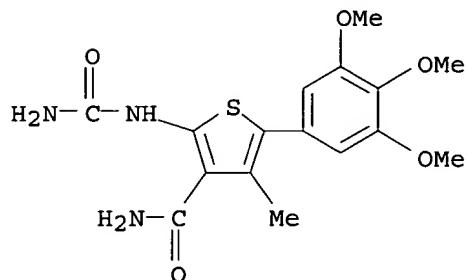
RN 354811-41-9 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



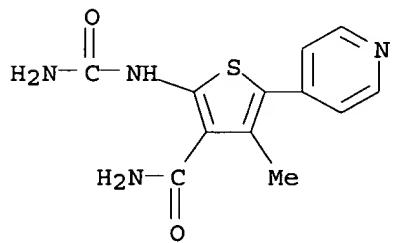
RN 354811-42-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



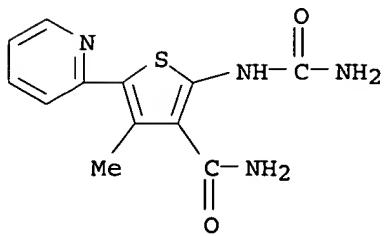
RN 354811-43-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 354811-44-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(5-methoxy-2-pyridinyl)- (9CI) (CA INDEX NAME)

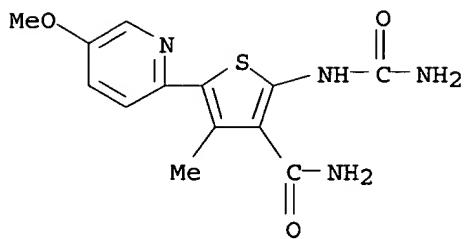


RN 354811-45-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-methoxy-2-pyridinyl)-

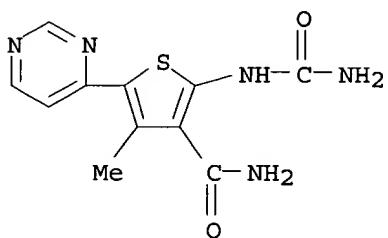
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4-methyl- (9CI) (CA INDEX NAME)



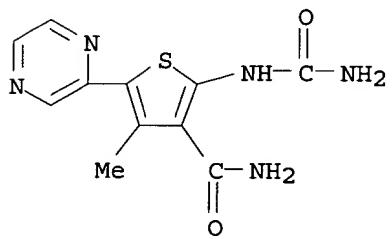
RN 354811-46-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-pyrimidinyl)- (9CI) (CA INDEX NAME)



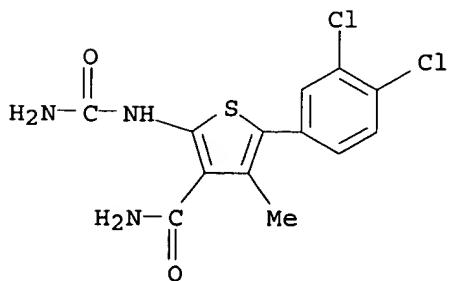
RN 354811-47-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 354811-48-6 CAPLUS

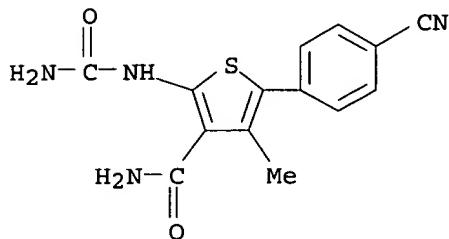
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,4-dichlorophenyl)-4-methyl- (9CI) (CA INDEX NAME)



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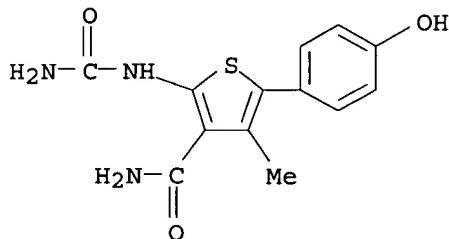
RN 354811-49-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-cyanophenyl)-4-methyl- (9CI) (CA INDEX NAME)



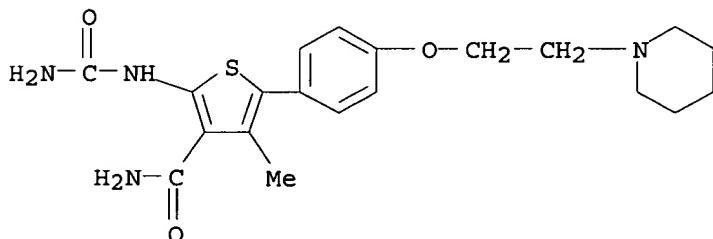
RN 354811-50-0 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-4-methyl- (9CI) (CA INDEX NAME)



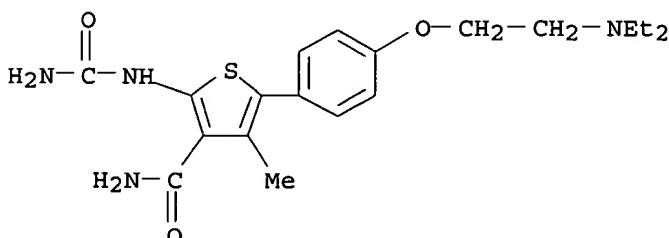
RN 354811-51-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-[4-[2-(1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)

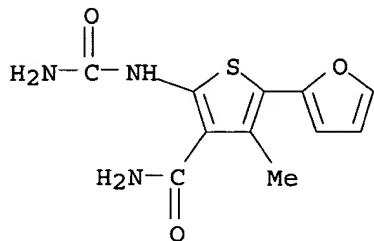


RN 354811-52-2 CAPLUS

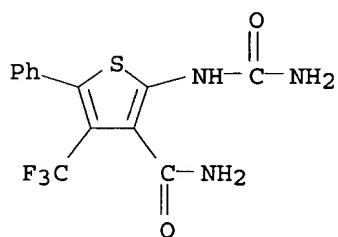
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(diethylamino)ethoxy]phenyl]-4-methyl- (9CI) (CA INDEX NAME)



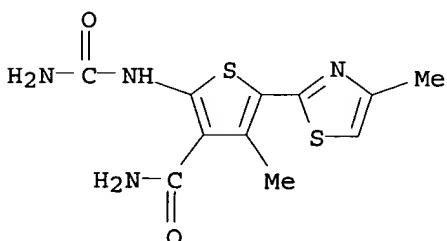
RN 354811-53-3 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-furanyl)-4-methyl-
(9CI) (CA INDEX NAME)



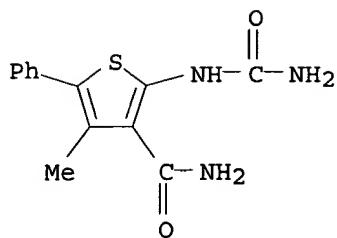
RN 354811-54-4 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-phenyl-4-
(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 354811-55-5 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(4-methyl-2-thiazolyl)- (9CI) (CA INDEX NAME)

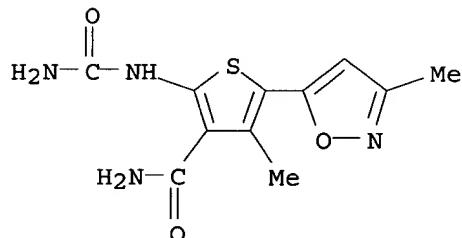


RN 354811-56-6 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-phenyl- (9CI)
(CA INDEX NAME)



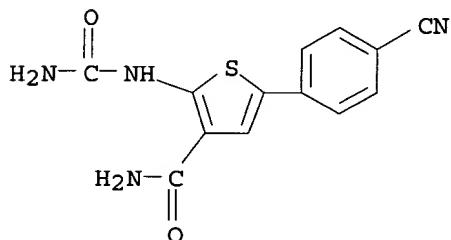
RN 354811-57-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-4-methyl-5-(3-methyl-5-isoxazolyl)- (9CI) (CA INDEX NAME)



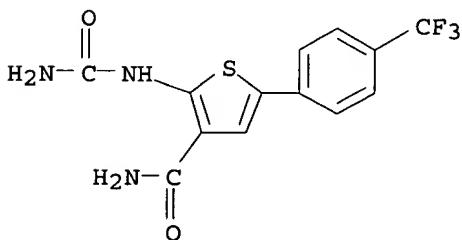
RN 354811-58-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-cyanophenyl)- (9CI) (CA INDEX NAME)



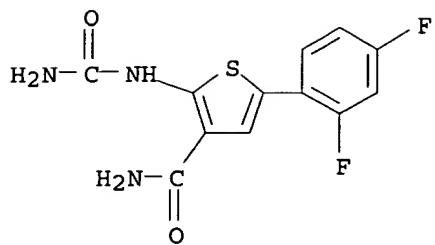
RN 354811-59-9 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



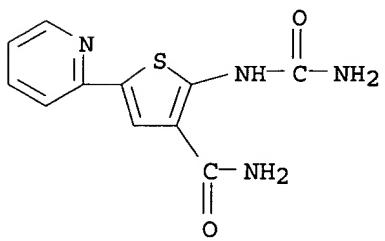
RN 354811-60-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,4-difluorophenyl)- (9CI) (CA INDEX NAME)



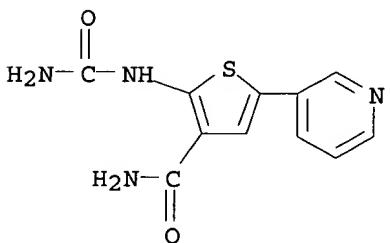
RN 354811-61-3 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-pyridinyl)- (9CI)
(CA INDEX NAME)



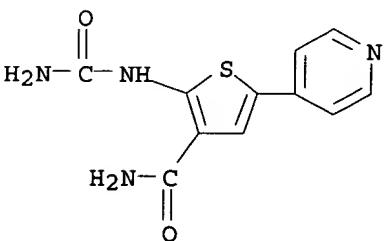
RN 354811-62-4 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-pyridinyl)- (9CI)
(CA INDEX NAME)



RN 354811-63-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-pyridinyl)- (9CI)
(CA INDEX NAME)

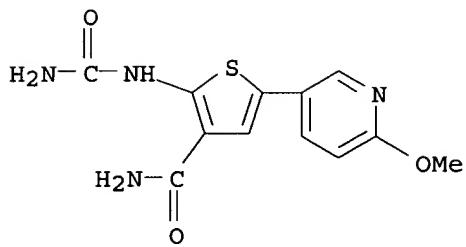


RN 354811-64-6 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(6-methoxy-3-pyridinyl)-

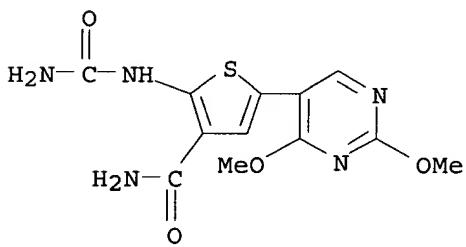
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(9CI) (CA INDEX NAME)



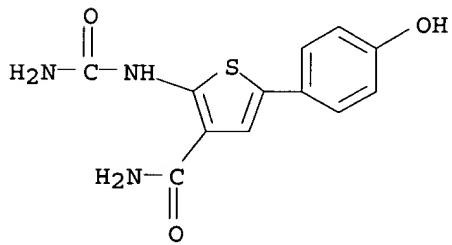
RN 354811-65-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2,4-dimethoxy-5-pyrimidinyl)- (9CI) (CA INDEX NAME)



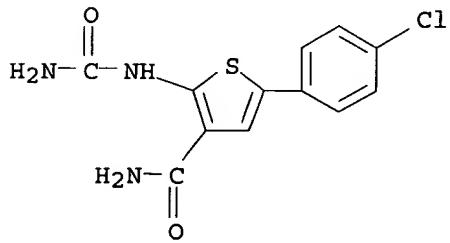
RN 354811-66-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)- (9CI) (CA INDEX NAME)



RN 354811-67-9 CAPLUS

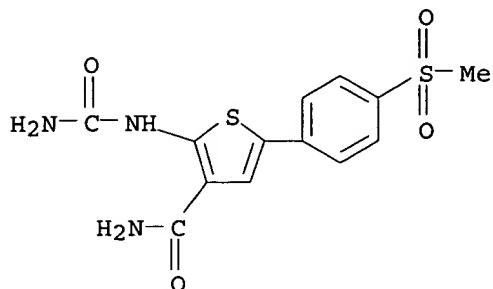
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 354811-68-0 CAPLUS

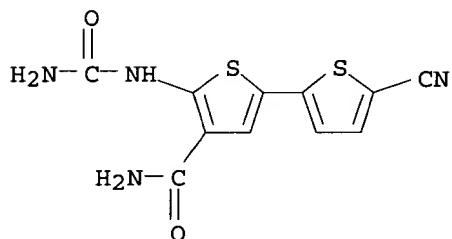
09/ 868,884

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[(4-methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



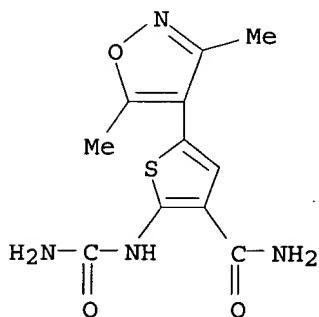
RN 354811-70-4 CAPLUS

CN [2,2'-Bithiophene]-4-carboxamide, 5-[(aminocarbonyl)amino]-5'-cyano- (9CI) (CA INDEX NAME)



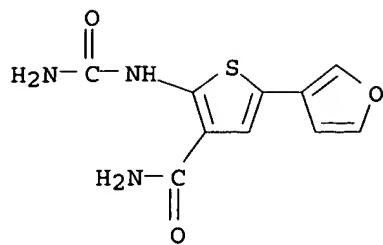
RN 354811-71-5 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3,5-dimethyl-4-isoxazolyl)- (9CI) (CA INDEX NAME)

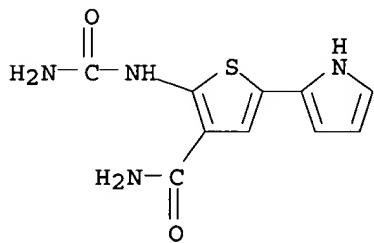


RN 354811-72-6 CAPLUS

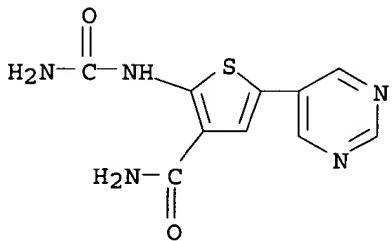
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(3-furanyl)- (9CI) (CA INDEX NAME)



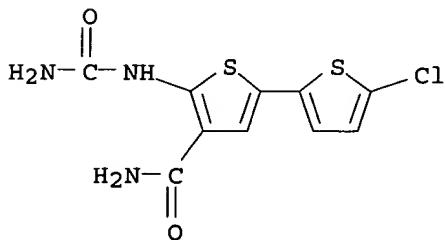
RN 354811-73-7 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(1H-pyrrol-2-yl)- (9CI)
(CA INDEX NAME)



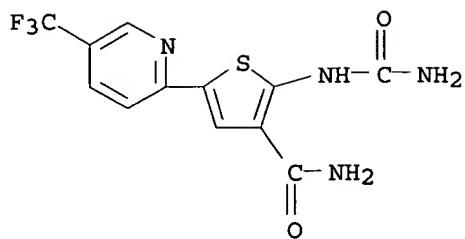
RN 354811-74-8 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-pyrimidinyl)- (9CI)
(CA INDEX NAME)



RN 354811-75-9 CAPLUS
CN [2,2'-Bithiophene]-4-carboxamide, 5-[(aminocarbonyl)amino]-5'-chloro-
(9CI) (CA INDEX NAME)

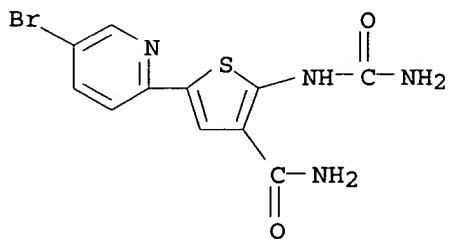


RN 354811-76-0 CAPLUS
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[5-(trifluoromethyl)-2-pyridinyl]- (9CI) (CA INDEX NAME)



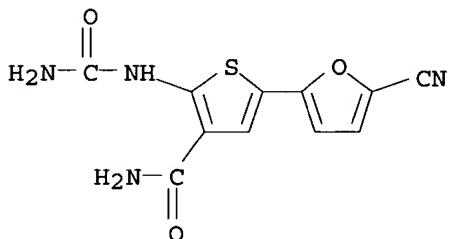
RN 354811-77-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-bromo-2-pyridinyl)- (9CI) (CA INDEX NAME)



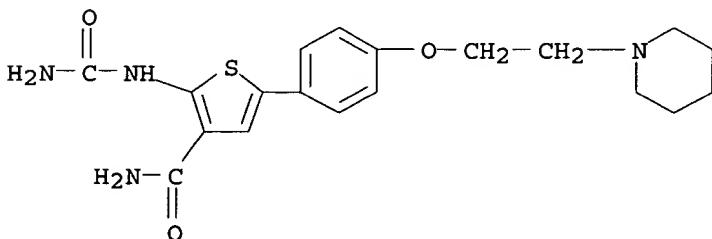
RN 354811-78-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-cyano-2-furanyl)- (9CI) (CA INDEX NAME)



RN 354811-79-3 CAPLUS

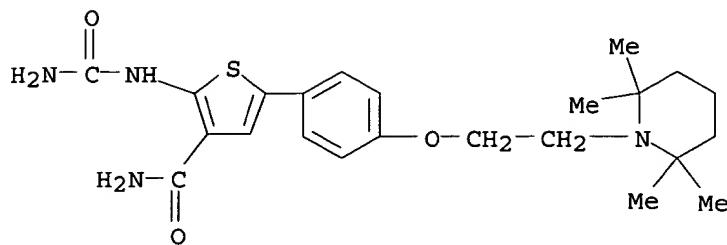
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[(2-(1-piperidinyl)ethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 354811-80-6 CAPLUS

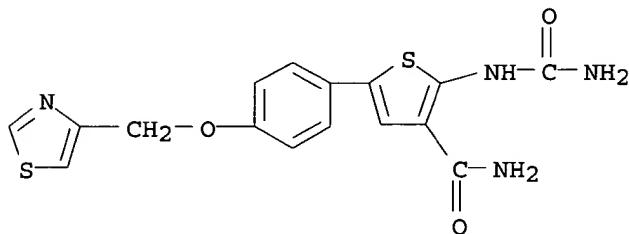
CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[(2,2,6,6-

tetramethyl-1-piperidinyl)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



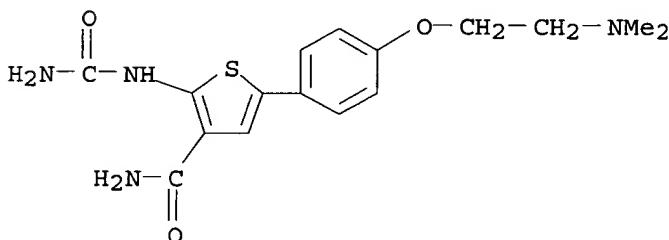
RN 354811-81-7 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-(4-thiazolylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



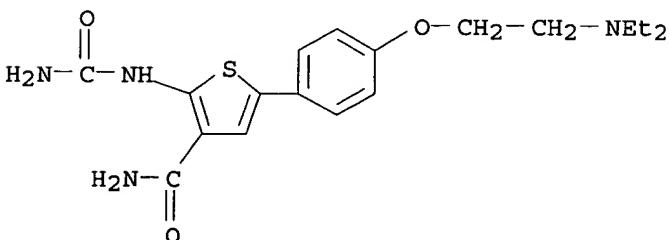
RN 354811-82-8 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-[4-[2-(dimethylamino)ethoxy]phenyl]- (9CI) (CA INDEX NAME)



RN 354811-83-9 CAPLUS

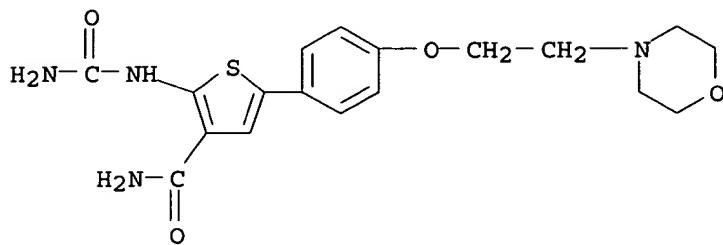
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RN 354811-84-0 CAPLUS

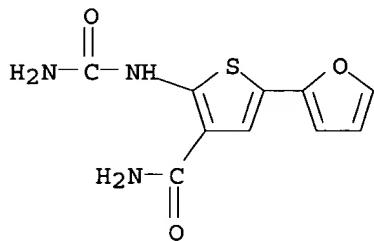
09/ 868,884

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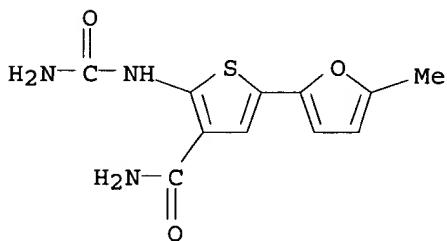
RN 354811-85-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(2-furanyl)- (9CI) (CA INDEX NAME)



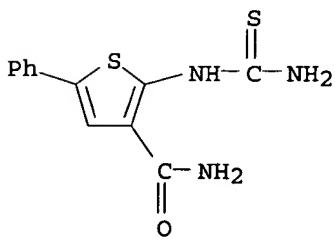
RN 354811-86-2 CAPLUS

CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(5-methyl-2-furanyl)- (9CI) (CA INDEX NAME)

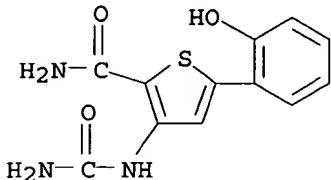


RN 354811-89-5 CAPLUS

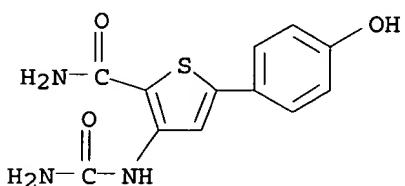
CN 3-Thiophenecarboxamide, 2-[(aminothioxomethyl)amino]-5-phenyl- (9CI) (CA INDEX NAME)



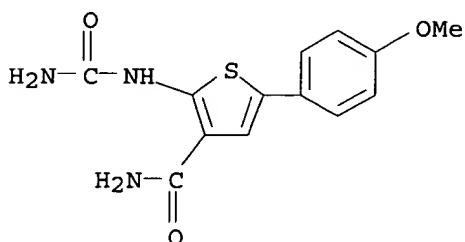
IT 354811-95-3P 354811-96-4P 354812-11-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (prepn. of thiophenecarboxamides as inhibitors of the enzyme IKK-2)
 RN 354811-95-3 CAPLUS
 CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(2-hydroxyphenyl)-
 (9CI) (CA INDEX NAME)



RN 354811-96-4 CAPLUS
 CN 2-Thiophenecarboxamide, 3-[(aminocarbonyl)amino]-5-(4-hydroxyphenyl)-
 (9CI) (CA INDEX NAME)



RN 354812-11-6 CAPLUS
 CN 3-Thiophenecarboxamide, 2-[(aminocarbonyl)amino]-5-(4-methoxyphenyl)-
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1977:468566 CAPLUS
 DOCUMENT NUMBER: 87:68566
 TITLE: Nucleophile and borate reactivity with nicotinamide
 adenine dinucleotide and its analogs
 Johnson, S. L.; Smith, K. W.
 AUTHOR(S):
 CORPORATE SOURCE: Sch. Med., Univ. Pittsburgh, Pittsburgh, Pa., USA
 SOURCE: J. Org. Chem. (1977), 42(15), 2580-9
 CODEN: JOCEAH
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 AB Nucleophilic reactivity of pyridine nucleotides was measured. There is no

relationship between rate of reaction and equil. affinity for the nucleophile. The position of equil. correlates with that for nucleophilic reaction with the carbonyl group. A better correlation between pyridinium ion addn. reactions was obtained: a new affinity scale for the pyridinium ion, P_+ , is defined. Boration of the ribose adjacent to the pyridinium ring reduces the equil. const. for nucleophile addn. 3- to 7-fold, regardless of the structure of the pyridinium moiety.

IT 62430-80-2P

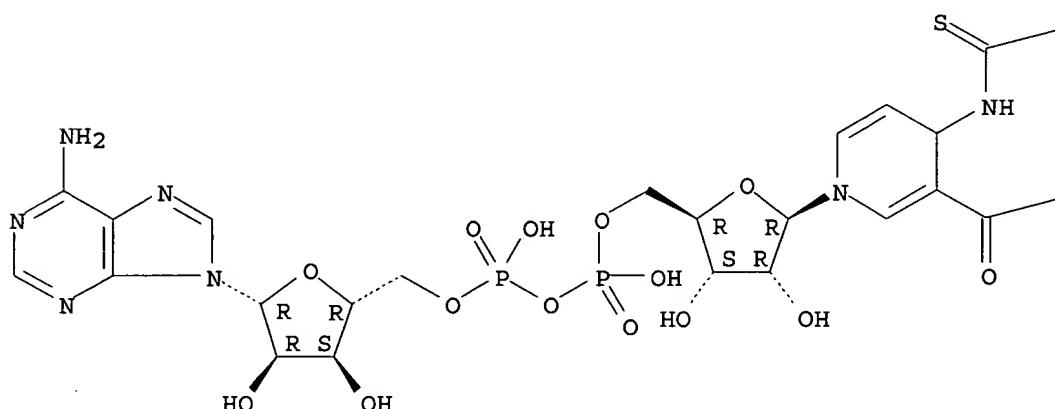
RL: PREP (Preparation)
(formation from pyridinium ion, assocn. const. of)

RN 62430-80-2 CAPLUS

CN Adenosine 5'-(trihydrogen diphosphate), P'_+ .fwdarw.5'-ester with 4-[(aminothioxomethyl)amino]-1,4-dihydro-1-.beta.-D-ribofuranosyl-3-pyridinecarboxamide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

—NH₂—NH₂

=> d his

(FILE 'HOME' ENTERED AT 13:31:08 ON 28 AUG 2002)

FILE 'REGISTRY' ENTERED AT 13:31:17 ON 28 AUG 2002

L1 STRUCTURE uploaded

L2 1 S L1

L3 93 S L1 FUL

FILE 'CAPLUS' ENTERED AT 13:32:38 ON 28 AUG 2002

L4 3 S L3

=> log y

COST IN U.S. DOLLARS

SINCE FILE TOTAL

09/ 868,884

| | ENTRY | SESSION |
|--|------------|---------|
| FULL ESTIMATED COST | 13.96 | 154.83 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| CA SUBSCRIBER PRICE | ENTRY | SESSION |
| | -1.86 | -1.86 |

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